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## Linux Certified Professional (LCP) Powered by LPI

GAQM LCP-001

Version Demo

Total Demo Questions: 15

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## Topic Break Down

Topic	No. of Questions
Topic 1, Volume A	47
Topic 2, Volume B	50
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**QUESTION NO: 1**

What umask will set the file permissions on a newly created file to -rw-r--r-- (644)?

A. 0002

B. 0022

C. 0224

D. 0246

**ANSWER: B****Explanation:**

umask command is used to display and set the default permissions. Here in question asking for the umask value of newly created file having permission

**QUESTION NO: 2**

You installed a beta rpm package, but are experiencing some problems with it. How can you remove this package?

A. rpm -qe rpmname

B. rpm -V --remove rpmname

C. rpm -r rpmname

D. rpm -d rpmname

E. rpm -ev rpmname

**ANSWER: E****Explanation:**

To uninstall the package, we use the rpm -ev rpmname or rpm --erase rpmname To install package: rpm -ivh rpmname : where -i means install, -v means verbose, -h means display the Hash marks. To Upgrade rpm: rpm -Uvh rpmname: where -U means Upgrade. To Freshen Upgrade: rpm -Fvh rpmname

**QUESTION NO: 3**

You have run out of disk space on a partition. Which of the following would be an easy way to move data to a new partition without reconfiguring the path to the data in existing applications?

- A. Run ext2fs ACL.
- B. Use a hard link.
- C. Use a symbolic link.
- D. Use the loopback device.
- E. Create a block device offset.

**ANSWER: C****Explanation:**

A Symbolic link points to another file and the contents of link file is referenced file. So, symbolic linked file occupied the very less space the original file.

**QUESTION NO: 4**

The sticky bit is usually set on

- A. /var/log
- B. /tmp
- C. /home
- D. log files

**ANSWER: B****QUESTION NO: 5**

Which of the following is very important when installing from source code (Check TWO that apply)?

- A. Read all documentation included with the source code.
- B. Reboot after installing all programs.
- C. Manually check to see if all dependencies are met.

- D. Use rpm or dpkg go verify the installation.
- E. Do not install binaries as the root user.

**ANSWER: A C**

#### QUESTION NO: 6

You are writing text in vi. Now you want to save your changes and exit. Which TWO sequence of inputs will accomplish this?

- A. esc ZZ
- B. ctrl :w!
- C. esc zz
- D. esc :wq!
- E. ctrl XX

**ANSWER: A D**

#### QUESTION NO: 7

Which TWO commands will find the path for the binary vim?

- A. man vim
- B. whereis vim
- C. apropos vim
- D. which vim

**ANSWER: B D**

#### Explanation:

which and whereis command displays the executable path of commands. Example: which clearàShows actually where clear is stored similarly whereis clear.

#### QUESTION NO: 9

You are experimenting with a binary in /tmp/foo.d that expects its configuration file at /etc/foo.conf. You don't want to save it there, but use a symbolic link to /tmp/foo.d/foo.conf instead. Which command would accomplish that?

- A. `ln -s /tmp/foo.d/foo.conf /etc/foo.conf`
- B. `ln /tmp/foo.d/foo.conf /etc/foo.conf`
- C. `ln -s /etc/foo.conf /tmp/foo.d/foo.conf`
- D. `ln /etc/foo.conf /tmp/foo.d/foo.conf`

**ANSWER: A**

**Explanation:**

There are two types of link a. Soft link b. Hard link.

b. Soft link à Can create for directory also, can span multiple partitions but available until and unless Original Files remain.  
Syntax for Soft link `ln -s originalfile linkfile`

b. Hard link à One separate Physical File, can't create for directory, can't span multiple file but remains the link file if original file removed.

Syntax for Hard link `ln originalfile linkfile`

**QUESTION NO: 10**

Your senior administrator asked you to change the default background of his machine, which uses XDM. Which file would you edit to achieve this?

- A. `/etc/X11/xdm/Xsetup`
- B. `/etc/X11/xdm.conf`
- C. `/etc/X11/xdm/Defaults`
- D. `/etc/X11/defaults.conf`

**ANSWER: A**

**QUESTION NO: 11**

Which of the following commands can be used to instruct the init process to switch runlevels?

(Choose TWO correct answers)

- A. telinit
- B. initctl
- C. init
- D. reinit
- E. runlevel

**ANSWER: A C**

#### QUESTION NO: 12

What does the Filesystem Hierarchy Standard enable? (Select TWO answers)

- A. Software to predict the location of installed files and directories
- B. Software to predict the ownership and access rights of installed files and directories
- C. Users to predict the location of installed files and directories.
- D. Users to predict how the filesystem should be formatted according to need.

**ANSWER: A C**

#### QUESTION NO: 13

What RPM command would show you detailed information for a package called openssh-3.6.i386.rpm?

- A. rpm --showinformation openssh-3.6.i386.rpm
- B. rpm --showdetails --package openssh-3.6.i386.rpm
- C. rpm --query --info --package openssh-3.6.i386.rpm
- D. rpm --verify openssh-3.6.i386.rpm

**ANSWER: C**

**QUESTION NO: 14**

Which Debian package system command will list all partially installed packages and suggest how to get them correctly installed?

- A. dpkg -C
- B. apt-get -u
- C. dpkg -Dh
- D. dpkg -l
- E. apt-get -y

**ANSWER: A****QUESTION NO: 15**

Instead of supplying an explicit device in /etc/fstab for mounting, what other options may be used to identify the intended partition? (Select TWO correct answers)

- A. FIND
- B. ID
- C. LABEL
- D. NAME
- E. UUID

**ANSWER: C E**